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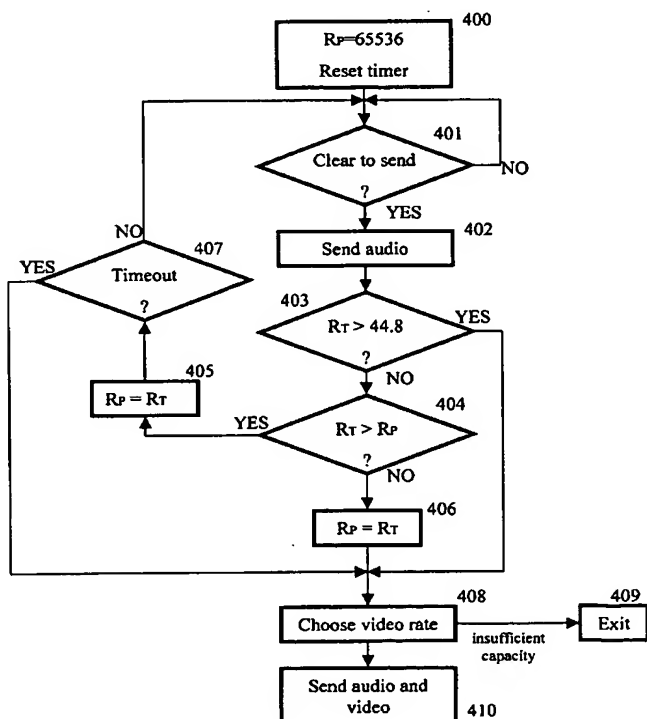
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- (71) Applicant (for all designated States except US): **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **WALKER, Matthew, David** [GB/GB]; 9 Thirlmere Court, Felixstowe, Suffolk IP11 9SN (GB). **URZAIZ, Eduardo** [ES/GB]; 75C Fore Street, Ipswich, Suffolk IP4 1JZ (GB).
- (74) Agent: **LLOYD, Barry, George, William**; Bt Group Legal, Intellectual Property Department, PPC5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).
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(54) Title: DATA TRANSMISSION OVER A NETWORK HAVING INITIALLY UNDETERMINED TRANSMISSION CAPACITY



(57) Abstract: Data to be transmitted over a network comprise a first part (perhaps audio) which is always to be transmitted and alternative second parts (perhaps video coded at different compression rates) of which one is to be chosen for transmission, depending on the current network capacity. In order to accommodate systems where (owing perhaps to the use of a congestion control mechanism such as TCP) the capacity available is initially undetermined, one firstly begins to transmit just the first part. When the network capacity becomes known (typically by monitoring the performance of the network in transmitting the first part), one of the alternative second parts is chosen and transmission of its commences. If desired this may initially be preferentially to, or to the exclusion of, further transmission of the first part.



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